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      3 AUG 09
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        AUG 28
                 ADISCTI Reloaded and Enhanced
         AUG 30
                 CA(SM)/CAplus(SM) Austrian patent law changes
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NEWS
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                 CA/CAplus fields enhanced with simultaneous left and right
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NEWS
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     8
         SEP 25
                 CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS
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         SEP 25
NEWS 10
         SEP 25
                 CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS 11
                 CEABA-VTB classification code fields reloaded with new
         SEP 28
                 classification scheme
NEWS 12 OCT 19
                 LOGOFF HOLD duration extended to 120 minutes
NEWS 13 OCT 19
                 E-mail format enhanced
NEWS 14
        OCT 23
                 Option to turn off MARPAT highlighting enhancements available
NEWS 15
        OCT 23
                 CAS Registry Number crossover limit increased to 300,000 in
                 multiple databases
NEWS 16
        OCT 23
                 The Derwent World Patents Index suite of databases on STN
                 has been enhanced and reloaded
         OCT 30
NEWS 17
                 CHEMLIST enhanced with new search and display field
NEWS 18
        NOV 03
                 JAPIO enhanced with IPC 8 features and functionality
NEWS 19
         NOV 10
                 CA/CAplus F-Term thesaurus enhanced
NEWS 20
        NOV 10
                 STN Express with Discover! free maintenance release Version
                 8.01c now available
NEWS 21
         NOV 13
                 CA/CAplus pre-1967 chemical substance index entries enhanced
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NEWS 22
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NEWS 24
        NOV 20
                 CA/CAplus patent kind codes will be updated
NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
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              STN Operating Hours Plus Help Desk Availability
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              For general information regarding STN implementation of IPC 8
NEWS X25
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L1

L1 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1987:113982 CAPLUS

DN 106:113982

TI Human class II  $(\pi)$  alcohol dehydrogenase has a redox-specific function in norepinephrine metabolism

AU Mardh, Goran; Dingley, Amy L.; Auld, David S.; Vallee, Bert L.

CS Cent. Biochem. Biophys. Sci. Med., Harvard Med. Sch., Boston, MA, 02115, USA

SO Proceedings of the National Academy of Sciences of the United States of

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America (1986), 83(23), 8908-12
     CODEN: PNASA6; ISSN: 0027-8424
DT
     Journal
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     English
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AN
     1986:584647 CAPLUS
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     105:184647
     Human alcohol dehydrogenases and serotonin metabolism
TI
ΑU
     Consalvi, Valerio; Mardh, Goran; Vallee, Bert L.
     Cent. Biochem. Biophys. Sci. Med., Harvard Med. Sch., Boston, MA, 02115,
CS
SO
     Biochemical and Biophysical Research Communications (1986), 139(3),
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     CODEN: BBRCA9; ISSN: 0006-291X
DT
     Journal
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Ll
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     1986:400864 CAPLUS
AN
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ΤI
     Testosterone allosterically regulates ethanol oxidation by homo- and
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     dehydrogenase
     Mardh, Goran; Falchuk, Kenneth H.; Auld, David S.; Vallee, Bert
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     Cent. Biochem. Biophys. Sci. Med., Harvard Med. Sch., Boston, MA, 02115,
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SO
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DT
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=> s abacavir and alovudine
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AN
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     145:336055
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     Preparation of heteroarylmethyl substituted octahydro-1,10-phenanthrolines
     and analogs for treating diseases modulated by a chemokine receptor
     (CXCR4)
     Gudmundsson, Kristjan; Catalano, John, G.; Svolto, Angilique
IN
PΑ
     Smithkline Beecham Corporation, USA
SO
     PCT Int. Appl., 183pp.
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     2006:653313 CAPLUS
     145:117355
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TI
     2',3'-Dideoxy-3'-hydroxymethylcytosine or a prodrug for the treatment of
ΙN
     Xhou, Xiao-Xiong; Zhang, Hong
PA
     Medivir AB, Swed.
SO
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PRAI US 2004-714536P
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L2
     2006:633928 CAPLUS
AN
     145:103723
DN
TI
     Preparation of hydroxydihydropyridopyrazine-1,8-diones for inhibiting HIV
     integrase
IN
     Chan Chun Kong, Laval; Liu, Bingcan; Nguyen-Ba, Nghe; Cadilhac, Caroline;
     Turcotte, Nathalie
PA
     Virochem Pharma Inc., Can.
     PCT Int. Appl., 186 pp.
SO
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     ANSWER 4 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
AN
     2006:117207 CAPLUS
DN
     144:213021
ΤI
     Preparation of pseudopeptide phosphate prodrugs of HIV protease inhibitors
     Degoey, David A.; Flosi, William J.; Grampovnik, David J.; Klein, Larry
IN
     L.; Kempf, Dale J.; Wang, Xiu C.
PA
     Abbott Laboratories, USA
SO
     PCT Int. Appl., 112 pp.
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AN
     2005:1328666 CAPLUS
DN
     144:50033
ΤI
     Vaccine compositions diminishing side effects
IN
     Buller, Robert Mark L.
PA
     Saint Louis University, USA
SO
     PCT Int. Appl., 30 pp.
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     ANSWER 6 OF 14 CAPLUS COPYRIGHT 2006 ACS on STN
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ΑN
     2005:698347 CAPLUS
DN
     143:194248
     Therapeutic combinations containing an amino acid amide HIV protease
ΤI
     inhibitor
IN
     Hammond, Jennifer Lou; Patick, Amy Karen
PA
     Agouron Pharmaceuticals, Inc., USA
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     U.S. Pat. Appl. Publ., 25 pp.
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TI
     Preparation of amino acid hydrazide derivatives as HIV protease inhibitors
     Randolph, John T.; Chen, Hui-Ju; Degoey, David A.; Flentge, Charles A.;
     Flosi, William J.; Grampovnik, David J.; Huang, Peggy P.; Hutchinson,
     Douglas K.; Kempf, Dale J.; Klein, Larry L.; Yeung, Ming C.
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     PCT Int. Appl., 281 pp.
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     2005:548319 CAPLUS
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     Emerging anti-HIV drugs
AU
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     Rega Institute for Medical Research, K.U.Leuven, Louvain, B-3000, Belg.
CS
SO
     Expert Opinion on Emerging Drugs (2005), 10(2), 241-274
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DN
     Preparation of HIV protease inhibitors, in particular imidazolidine
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     Flentge, Charles A.; Chen, Hui-Ju; Degoey, David A.; Flosi, William J.;
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PΑ
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SO
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     2005:527398 CAPLUS
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     143:78485
TI
     Preparation of amino acid derivatives as HIV protease inhibitors
IN
     Degoey, David A.; Flentge, Charles A.; Flosi, William J.; Grampovnik,
     David J.; Kempf, Dale J.; Klein, Larry L.
PΑ
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     U.S. Pat. Appl. Publ., 204 pp.
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     2005:74120 CAPLUS
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     142:176697
ΤI
     Preparation of spiro compounds for the modulation of chemokine receptor
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IN
     Chan, Chun Kong; Zhang, Ming-Qiang; Moinet, Christophe; Proulx, Melanie;
     Reddy, Thumkunta Jagadeeswar; Courchesne, Marc
PA
     Virochem Pharma Inc., Can.
SO
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TI
     Synergistic interaction of abacavir and alovudine for
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     Mardh, Goeran
IN
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     Medivir AB, Swed.
     PCT Int. Appl., 21 pp.
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     Shanahan-Pendergast, Elisabeth
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     The use of synthetic, non-hormonal 21-aminosteroids, derivatives,
     metabolites, and precursors thereof in the treatment of viral infections
     Prendergast, Patrick Thomas
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     Kotze, Gavin Salomon, S. Afr.
SO
     PCT Int. Appl., 47 pp.
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Incensole and furanogermacrens and compounds in treatment for inhibiting

TI

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     2006:1030273 CAPLUS
     145:397501
     Substituted carbamates as HIV protease inhibitors and their preparation,
     pharmaceutical compositions and use in the treatment of HIV infection,
     AIDS and AIDS-related conditions
     Mclean, Ed, W.; Miller, John Franklin
     Smithkline Beecham Corporation, USA
     PCT Int. Appl., 73pp.
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     2005:902736 CAPLUS
     143:248371
     Preparation of naphthyridinecarboxamides as HIV integrase inhibitors
     Johns, Brian Alvin; Boros, Eric Eugene; Kawasuji, Takashi; Koble, Cecilia
     S.; Kurose, Noriyuki; Murai, Hitoshi; Sherrill, Ronald George;
     Weatherhead, Jason Gordon
     Smithkline Beecham Corporation, USA; Shionogi & Co., Ltd
     PCT Int. Appl., 447 pp.
     CODEN: PIXXD2
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     Preparation of naphthyridine integrase inhibitors
IN
     Johns, Brian A.
PA
     Smithkline Beecham Corporation, USA
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     PCT Int. Appl., 154 pp.
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ΤI
     Preparation of pyrrolidine and azetidine compounds as CCR5 antagonists
IN
     Yang, Hanbiao; Kazmierski, Wieslaw Mieczyslaw; Aquino, Christopher Joseph
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     Smithkline Beecham Corporation, USA
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L4
     ANSWER 5 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
     2004:534200 CAPLUS
AN
DN
     141:88928
ΤI
     Preparation of indane compounds and analogs as CCR5 antagonists
IN
     Youngman, Michael; Kazmierski, Wieslaw Mieczyslaw; Yang, Hanbiao; Aquino,
     Christopher Joseph
PA
     Smithkline Beecham Corporation, USA
SO
     PCT Int. Appl., 129 pp.
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              THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
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L4
     ANSWER 6 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
AN
     2004:534199 CAPLUS
DN
     141:89094
     Preparation of oxazine and morpholine derivatives as CCR5 antagonists
TI
     Aquino, Christopher Joseph; Chong, Pek Yong; Duan, Maosheng; Kazmierski,
IN
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Wieslaw Mieczyslaw

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PA
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SO
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     ANSWER 7 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
     2004:534198 CAPLUS
AN
DN
     141:88871
TI
     Preparation of aminoalkylaryl cyclopropyl compounds as CCR5 antagonists
IN
     Peckham, Jennifer Poole; Aquino, Christopher Joseph; Kazmierski, Wieslaw
     Mieczyslaw
PA
     Smithkline Beecham Corporation, USA
SO
     PCT Int. Appl., 138 pp.
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L4
     ANSWER 8 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
AN
     2004:534173 CAPLUS
     141:89016
DN
     Preparation of benzimidazolylazabicyclooctylethylpiperidines as Ccr5
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     antagonists for the treatment of HIV infection
     Kazmierski, Wieslaw Mieczyslaw; Aquino, Christopher Joseph; Bifulco, Neil;
IN
     Boros, Eric Eugene; Chauder, Brian Andrew; Chong, Pek Yoke; Duan,
     Maosheng; Deanda, Felix, Jr.; Koble, Cecilia Suarez; Mclean, Ed Williams;
     Peckham, Jennifer Poole; Perkins, Angilique C.; Thompson, James Benjamin;
     Vanderwall, Dana
PA
     Smithkline Beecham Corporation, USA; et al.; et al.
SO
     PCT Int. Appl., 859 pp.
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    ANSWER 9 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
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AN
    2004:531360 CAPLUS
DN
    141:88873
ΤI
     Preparation of heterocyclylalkyl substituted cyclohexyl compounds as CCR5
     antagonists
ΙN
     Duan, Maosheng; Kazmierski, Wieslaw Mieczyslaw; Aquino, Christopher Joseph
PΑ
     Smithkline Beecham Corporation, USA
SO
     PCT Int. Appl., 103 pp.
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L4
     ANSWER 10 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN
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     137:232453
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TI
     Preparation of substituted benzophenones as inhibitors of reverse
     transcriptase
IN
     Chan, Joseph Howing
PA
     Smithkline Beecham Corporation, USA
SO
     PCT Int. Appl., 163 pp.
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1.3
     ANSWER 1 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN
     2006:1160482 CAPLUS
ΑN
TI
     Kinetic analysis of 3'-deoxy-3'-18F-fluorothymidine in patients with
     gliomas
ΑU
     Muzi, Mark; Spence, Alexander M.; O'Sullivan, Finbarr; Mankoff, David A.;
     Wells, Joanne M.; Grierson, John R.; Link, Jeanne M.; Krohn, Kenneth A.
    Department of Radiology, University of Washington, Seattle, WA, USA
CS
SO
     Journal of Nuclear Medicine (2006), 47(10), 1612-1621
     CODEN: JNMEAQ; ISSN: 0161-5505
PB
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DT
     Journal
LΆ
     English
RE.CNT 36
              THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
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     ANSWER 2 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN
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AN
     2006:1030273 CAPLUS
DN
     145:397501
     Substituted carbamates as HIV protease inhibitors and their preparation,
TI
     pharmaceutical compositions and use in the treatment of HIV infection,
     AIDS and AIDS-related conditions
     Mclean, Ed, W.; Miller, John Franklin
IN
     Smithkline Beecham Corporation, USA
PA
     PCT Int. Appl., 73pp.
SO
     CODEN: PIXXD2
DT
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AN
     2006:504818 CAPLUS
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TI
    Synthesis of [5'-O-(4,4'-dimethoxytriphenylmethyl)-2'-deoxy-3'-O-(4-
    nitrobenzenesulfonyl)-\beta-D-threo-pentofuranosyl]thymidine
    Lu, Chunxiong; Wu, Chunying; Jiang, Quanfu; Zhu, Junqing; Cao, Guoxian;
IN
     Chen, Zhengping; Li, Xiaomin; Wang, Songpei; Tang, Jie
     Jiangsu Institute of Nuclear Medicine, Peop. Rep. China
PA
SO
     Faming Zhuanli Shenging Gongkai Shuomingshu, 6 pp.
    CODEN: CNXXEV
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      ANSWER 4 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN
L3
      2005:1207532 CAPLUS
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      A simplified analysis of [18F]3'-deoxy-3'-
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      fluorothymidine metabolism and retention
      Shields, Anthony F.; Briston, David A.; Chandupatla, Samatha; Douglas,
ΑU
      Kirk A.; Lawhorn-Crews, Jawana; Collins, Jerry M.; Mangner, Thomas J.;
      Heilbrun, Lance K.; Muzik, Otto
CS
      Karmanos Cancer Institute, Detroit, MI, 48201-2013, USA
SO
      European Journal of Nuclear Medicine and Molecular Imaging (2005), 32(11),
      1269-1275
      CODEN: EJNMA6; ISSN: 1619-7070
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DT
      Journal
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RE.CNT 23
                THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
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      2005:902736 CAPLUS
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      Preparation of naphthyridinecarboxamides as HIV integrase inhibitors
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      Johns, Brian Alvin; Boros, Eric Eugene; Kawasuji, Takashi; Koble, Cecilia
IN
      S.; Kurose, Noriyuki; Murai, Hitoshi; Sherrill, Ronald George;
      Weatherhead, Jason Gordon
PA
      Smithkline Beecham Corporation, USA; Shionogi & Co., Ltd
      PCT Int. Appl., 447 pp.
SO
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     ANSWER 6 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN
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ΤI
     Kinetic modeling of 3'-deoxy-3'-
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fluorothymidine in somatic tumors: mathematical studies ΑU Muzi, Mark; Mankoff, David A.; Grierson, John R.; Wells, Joanne M.; Vesselle, Hubert; Krohn, Kenneth A. CS Department of Radiology, University of Washington, Seattle, WA, USA Journal of Nuclear Medicine (2005), 46(2), 371-380 SO CODEN: JNMEAQ; ISSN: 0161-5505 PΒ Society of Nuclear Medicine DTJournal LΑ English RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT 1.3 ANSWER 7 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN AN 2005:224978 CAPLUS DN 143:262569 TТ Kinetic analysis of 3'-deoxy-3'fluorothymidine PET studies: validation studies in patients with Muzi, Mark; Vesselle, Hubert; Grierson, John R.; Mankoff, David A.; ΑU Schmidt, Rodney A.; Peterson, Lanell; Wells, Joanne M.; Krohn, Kenneth A. CS Department of Radiology, University of Washington, Seattle, WA, USA SO Journal of Nuclear Medicine (2005), 46(2), 274-282 CODEN: JNMEAQ; ISSN: 0161-5505 PB Society of Nuclear Medicine DTJournal LΑ English RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT L3 ANSWER 8 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN AN 2005:168797 CAPLUS DN 142:430479 TISynthesis of 2',3'-Dideoxynucleoside 5'- $\alpha$ -P-Borano- $\beta$ , $\gamma$ -(difluoromethylene) triphosphates and Their Inhibition of HIV-1 Reverse Transcriptase Boyle, Nicholas A.; Rajwanshi, Vivek K.; Prhavc, Marija; Wang, Guangyi; ΑU Fagan, Patrick; Chen, Fu; Ewing, Gregory J.; Brooks, Jennifer L.; Hurd, Tiffany; Leeds, Janet M.; Bruice, Thomas W.; Cook, P. Dan CS Research Laboratories, Biota Inc., Carlsbad, CA, 92008, USA Journal of Medicinal Chemistry (2005), 48(7), 2695-2700 SO CODEN: JMCMAR; ISSN: 0022-2623 PB American Chemical Society DT Journal LΑ English CASREACT 142:430479 OS RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT L3 ANSWER 9 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN AN 2004:1016008 CAPLUS DN 142:6507 ΤI Preparation of naphthyridine integrase inhibitors IN Johns, Brian A. PΑ Smithkline Beecham Corporation, USA SO PCT Int. Appl., 154 pp. CODEN: PIXXD2 DT Patent English LAFAN.CNT 1 PATENT NO. KIND DATE APPLICATION NO. DATE -----\_\_\_\_\_\_ ----\_ \_ \_ \_ \_ \_ \_ PΙ WO 2004101512 A2 20041125 WO 2004-US14814 20040512 WO 2004101512 A3 20050127

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     [18F] 3'-Deoxy-3'-Fluorothymidine
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     -PET in NHL Patients: Whole-Body Biodistribution and Imaging of Lymphoma
     Manifestations - a Pilot Study
     Buchmann, Inga; Neumaier, Bernd; Schreckenberger, Mathias; Reske, Sven
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CS
     Nuklearmedizin, Universitaetskliniken, Mainz, 55101, Germany
SO
     Cancer Biotherapy & Radiopharmaceuticals (2004), 19(4), 436-442
     CODEN: CBRAFJ; ISSN: 1084-9785
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     Mary Ann Liebert, Inc.
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     2004:534204 CAPLUS
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     Preparation of pyrrolidine and azetidine compounds as CCR5 antagonists
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     Yang, Hanbiao; Kazmierski, Wieslaw Mieczyslaw; Aquino, Christopher Joseph
PA
     Smithkline Beecham Corporation, USA
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     Preparation of indane compounds and analogs as CCR5 antagonists
     Youngman, Michael; Kazmierski, Wieslaw Mieczyslaw; Yang, Hanbiao; Aquino,
IN
     Christopher Joseph
     Smithkline Beecham Corporation, USA
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     2004:534199 CAPLUS
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ΤI
     Preparation of oxazine and morpholine derivatives as CCR5 antagonists
IN
     Aquino, Christopher Joseph; Chong, Pek Yong; Duan, Maosheng; Kazmierski,
     Wieslaw Mieczyslaw
     Smithkline Beecham Corporation, USA
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     Preparation of aminoalkylaryl cyclopropyl compounds as CCR5 antagonists
IN
     Peckham, Jennifer Poole; Aquino, Christopher Joseph; Kazmierski, Wieslaw
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     Smithkline Beecham Corporation, USA
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     PCT Int. Appl., 138 pp.
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     Preparation of benzimidazolylazabicyclooctylethylpiperidines as Ccr5
     antagonists for the treatment of HIV infection
     Kazmierski, Wieslaw Mieczyslaw; Aquino, Christopher Joseph; Bifulco, Neil;
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     Boros, Eric Eugene; Chauder, Brian Andrew; Chong, Pek Yoke; Duan,
     Maosheng; Deanda, Felix, Jr.; Koble, Cecilia Suarez; Mclean, Ed Williams;
     Peckham, Jennifer Poole; Perkins, Angilique C.; Thompson, James Benjamin;
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PA.
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     Smithkline Beecham Corporation, USA
SO
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- SO Nuclear Medicine and Biology (2004), 31(4), 419-423 CODEN: NMBIEO; ISSN: 0969-8051
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- LA English
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DT
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ΑU
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     Royal Free and University College Medical School, Institute of Nuclear
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PA
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     2,3-dideoxy-3-fluoro-D-erythro-pentofuranosyl diethyl phosphite
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ΑU
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L3
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DN
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ΤI
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ΑU
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IN
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     University of Birmingham, UK
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            SE, SK, UA, US, UZ, VN
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ΤI
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ΑU
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- TI Synergistic anti-human immunodeficiency viral (HIV-1) effect of the immunomodulator Ampligen (mismatched double-stranded RNA) with inhibitors

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CS
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DT
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     and 5'-phosphorofluoridates of sugar modified nucleosides
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CS
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     120:29465
     Preparation of (2',3'-dideoxy-3'-\beta-D-erythropentofuranosyl)-9H-
ΤI
     purines as antiviral nucleosides
ΙN
     Burns; Charlene Louise; Koszalka, George Walter; Krenitsky, Thomas Anthony
PA
     Wellcome Foundation Ltd., UK
SO
     PCT Int. Appl., 94 pp.
     CODEN: PIXXD2
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     Synthesis of mimics to thymidine triphosphate and 3'-
     deoxy-3'-fluorothymidine triphosphate
ΑU
     Bjoersne, Magnus; Classon, Bjoern; Kvarnstroem, Ingemar; Samuelseeon,
     Bertil
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     Dep. Org. Chem., Stockholm Univ., Stockholm, S-106 91, Swed.
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     119:271641
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     Therapeutic nucleosides
     Burns, Charlene Louise; Koszalka, George Walter; Krenitsky, Thomas
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     Anthony; Daluge, Susan Mary
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     Wellcome Foundation Ltd., UK
SO
     PCT Int. Appl., 48 pp.
     CODEN: PIXXD2
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     MARPAT 119:271641
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     Med. Res. Div., American Cyanamid Co., Pearl River, NY, 10965, USA
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     Journal of Pharmaceutical Sciences (1993), 82(5), 546-9
     CODEN: JPMSAE; ISSN: 0022-3549
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     2',3'-dideoxyribonucleosides, including some potential inhibitors of human
     immunodeficiency virus
ΑU
     Oksman, Pentti; Hakala, Harri; Zavgorodnii, S.; Polianski, M.; Azhaev, A.;
     Van Aerschot, Arthur; Herdewijn, Piet
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     Dep. Chem., Univ. Turku, Turku, SF-20500, Finland
SO
     Journal of Physical Organic Chemistry (1992), 5(11), 741-7
     CODEN: JPOCEE; ISSN: 0894-3230
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     117:171968
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     Pyrimidine 2',3'-dideoxy-3'-fluoropyrimidine nucleosides
TI
     D'Antuono, Joseph, III; Boop, Donald Carl; Clauss, Steven L.; Considine,
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Robert

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           R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, PT, SE
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, PT, SE
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AA 19920716

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       1992:129507 CAPLUS
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DN
       116:129507
TI
       Preparation of purine and pyrimidine nucleosides as antiviral agents.
IN
       Maaq, Hans; Prisbe, Ernest J.; Verheyden, Julien P. H.
PΑ
       Syntex (U.S.A.), Inc., USA
       Eur. Pat. Appl., 41 pp.
SO
       CODEN: EPXXDW
DT
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FAN.CNT 2
       PATENT NO. KIND DATE APPLICATION NO.
                                                                                            DATE
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                                  A1 19911121 EP 1991-107964 19910516
        R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE

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PRAI US 1990-524773

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OS
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L3
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AN
       1991:656521 CAPLUS
DN
       115:256521
TI
       Synthesis of a phosphonomethyl analog of 3'-deoxy-
       3'-fluorothymidine
ΑU
       Almer, Helena; Classon, Bjoern; Samuelsson, Bertil; Kvarnstroem, Ingemar
       Dep. Org. Chem., Stockholm Univ., Stockholm, S-106 91, Swed.
CS
SO
       Acta Chemica Scandinavica (1991), 45(7), 766-7
       CODEN: ACHSE7; ISSN: 0904-213X
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- IN Mueller, Werner E. G.; Schroeder, Heinz C.; Langen, Peter; Matthes, Eckart
- PA Akademie der Wissenschaften der DDR, Germany
- SO Ger. Offen., 7 pp. CODEN: GWXXBX

DT Patent

LA German

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PRAI DE 1989-3939701		19891201		

- L3 ANSWER 52 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN
- AN 1991:536601 CAPLUS
- DN 115:136601
- TI Synthesis and anti-HIV activity of modified 2',3'-dideoxy-3'-fluoro pyrimidine nucleosides
- AU Von Janta-Lipinski, M.; Gaertner, K.; Schildt, J.; Matthes, E.; Scholz, D.; Langen, P.
- CS Cent. Inst. Mol. Biol., Acad. Sci., Berlin, 1115, Germany
- SO Nucleosides & Nucleotides (1991), 10(1-3), 651-2 CODEN: NUNUD5; ISSN: 0732-8311
- DT Journal
- LA English
- L3 ANSWER 53 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN
- AN 1991:492834 CAPLUS
- DN 115:92834
- TI Preparation of deoxyfluoro nucleosides for treatment of AIDS and pharmaceutical compositions containing them
- PA Akademie der Wissenschaften der DDR, Ger. Dem. Rep.
- SO U.S., 9 pp. Cont.-in-part of U.S. Ser. No. 65,952, abandoned. CODEN: USXXAM
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PRAI	CA 1336820 DD 1986-292826	A1 A	19950829	CA 1994-616868	19940531
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- TI A short route to 3'-deoxy-3'fluorothymidine
- AU Motawia, Mohammed S.; Pedersen, Erik B.

- CS Dep. Chem., Odense Univ., Odense, DK-5230, Den.
- SO Liebigs Annalen der Chemie (1990), (11), 1137-9 CODEN: LACHDL; ISSN: 0170-2041
- DT Journal
- LA English
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- TI Structural studies of modified nucleosides. II. Structure of a nucleoside analog, 3'-deoxy-3'-fluorothymidine
- AU Everaert, D. H.; Peeters, O. M.; Blaton, N. M.; De Ranter, C. J.
- CS Inst. Farm. Wet., Kathol. Univ. Leuven, Louvain, B-3000, Belg.
- SO Acta Crystallographica, Section C: Crystal Structure Communications (1990), C46(9), 1730-2
  CODEN: ACSCEE; ISSN: 0108-2701
- DT Journal
- LA English
- L3 ANSWER 56 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN
- AN 1990:591854 CAPLUS
- DN 113:191854
- TI Preparation of 2'-deoxy-4'-azidonucleosides as antiviral agents
- IN Maag, Hans; Prisbe, Ernest J.; Verheyden, Julien P. H.
- PA Syntex (U.S.A.), Inc., USA
- SO Eur. Pat. Appl., 45 pp. CODEN: EPXXDW
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- LA English
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	HU 51643	A2	19900528	HU 1989-6014	19891120			
	AU 8944791	A1	19900621	AU 1989-44791	19891120			
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	ZA 8908834	A	19900829	ZA 1989-8834	19891120			
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PRAI	US 1988-274538	A	19881121					
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- AN 1990:424400 CAPLUS
- DN 113:24400
- TI Synthetic studies towards (-)-carba-3'-deoxy-3 '-fluorothymidine
- AU Beres, J.; Sagi, G.; Baitz-Gacs, E.; Tomoskozi, I.; Gruber, L.; Otvos, L.
- CS Cent. Res. Inst. Chem., Hung. Acad. Sci., Budapest, H-1525, Hung.
- SO Tetrahedron (1989), 45(19), 6271-80
- CODEN: TETRAB; ISSN: 0040-4020
- DT Journal
- LA English
- OS CASREACT 113:24400
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DN
       111:58279
ΤI
       3'-Deoxy-3'-fluorothymidine and
       related compounds for treatment of adenovirus infections and
       pharmaceutical compositions containing them
       Selway, John William Talbot; Beacham, Lowrie Miller, III; Daluge, Susan
ΤN
       Mary; Tuttle, Joel V.; Krenitsky, Thomas Anthony
PΑ
       Wellcome Foundation Ltd., UK
SO
       Eur. Pat. Appl., 13 pp.
       CODEN: EPXXDW
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                                B1 19921125
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A 19911203

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R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE

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T3 19940716

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      MARPAT 111:58279
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       1988:604909 CAPLUS
DN
       109:204909
ΤI
      Treatment and prophylaxis of retrovirus and hepatitis B virus infections
      with fluorodideoxyribonucleosides
IN
       Eriksson, Bertil Frank Harald; Johansson, Karl Nils Gunnar; Stening,
      Goeran Bertil; Oeberg, Bo Fredrik
PA
      Astra Laekemedel AB, Swed.
SO
      PCT Int. Appl., 17 pp.
       CODEN: PIXXD2
DT
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LΑ
      English
FAN.CNT 1
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      WO 8800050
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     EP 1987-904641
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     US 1987-143577
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     MARPAT 109:204909
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DN
     Methyl 5-O-tert-butyldiphenylsilyl-2-deoxy-α,β-D-threo-
TT
     pentofuranoside as a divergent intermediate for the synthesis of
     3'-substituted-2',3'-dideoxynucleosides: synthesis of 3'-azido-3'-
     deoxythymidine, 3'-deoxy-3'-
     fluorothymidine and 3'-cyano-3'-deoxythymidine
     Fleet, George W. J.; Son, Jong Chan; Derome, Andrew E.
ΑU
CS
     Dyson Perrins Lab., Oxford Univ., Oxford, OX1 3QY, UK
     Tetrahedron (1988), 44(2), 625-36
SO
     CODEN: TETRAB; ISSN: 0040-4020
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     CASREACT 109:110821
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     1986:17020 CAPLUS
DN
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ΤI
     3'-Deoxy-3'-fluorothymidine
     triphosphate: inhibitor and terminator of DNA synthesis catalyzed by DNA
     polymerase \beta, terminal deoxynucleotidyl transferase and DNA
     polymerase I
ΑU
     Matthes, E.; Lehmann, Ch.; Drescher, B.; Buettner, W.; Langen, P.
     Cent. Inst. Mol. Biol., Ger. Acad. Sci., Berlin-Buch, 1115, Ger. Dem. Rep.
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     Biomedica Biochimica Acta (1985), 44(10), K63-K73
     CODEN: BBIADT; ISSN: 0232-766X
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     English
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     98:126533
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     sugar moiety
     Rosenthal, A.; Cech, D.; Veiko, V. P.; Shabarova, Z. A.; Von
ΑU
     Janta-Lipinski, M.; Langen, P.
     Sekt. Chem., Humboldt-Univ., Berlin, DDR-1040, Ger. Dem. Rep.
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     Journal fuer Praktische Chemie (Leipzig) (1982), 324(5), 793-802
SO
     CODEN: JPCEAO; ISSN: 0021-8383
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DT
LΑ
     German
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DN
     92:215715
       Correction of: 90:55214
ΤI
     1-(2,3-Dideoxy-3-fluoro-\beta-D-ribofuranosyl) thymine (3'-
     deoxy-3'-fluorothymidine). Cleavage of a
     2,3'-anhydro ring by hydrogen fluoride
     Kowollik, G.; Langen, P.
ΑU
     Dep. Cell Kinet., Inst. Mol. Biol., Berlin, GDR 1115, Ger. Dem. Rep.
CS
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SO
     B.; Tipson, R. Stuart. Publisher: Wiley, New York, N. Y.
     CODEN: 39GCA6
DT
     Conference
LΑ
     English
L3
     ANSWER 64 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN
AN
     1980:17895 CAPLUS
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     92:17895
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     Incorporation of 3'-deoxy-3'-fluorothymidylate into DNA in vitro
     Waehnert, U.; Langen, P.
ΑU
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CS
SO
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     CODEN: PHABDI; ISSN: 0134-0689
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LΑ
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     1979:55214 CAPLUS
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     1-(2,3-Dideoxy-3-fluoro-\beta-D-ribofuranosyl) thymine (3'-
     deoxy-3'-fluorothymidine): Cleavage of a
     2,3'-anhydro ring by hydrogen fluoride
ΑU
     Kowollik, G.; Langen, P.
     Inst. Mol. Biol., Ger. Acad. Sci., Berlin, Ger. Dem. Rep.
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     Nucleic Acid Chem. (1978), Volume 1, 299-302. Editor(s): Townsend, Leroy
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AN
    1978:453205 CAPLUS
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     Effect of 3'-deoxy-3'-
TΤ
    fluorothymidine on proliferation kinetics of Ehrlich ascites tumor
     cells in vitro. (Comparison with other cytostatic drugs)
     Langen, P.; Graetz, H.; Janta-Lipinski, M. V.; Weiss, H.
ΑU
CS
     Central Inst. Mol. Biol., DAW, Berlin, Ger. Dem. Rep.
     European Journal of Cancer (1965-1981) (1978), 14(4), 349-54
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     CODEN: EJCAAH; ISSN: 0014-2964
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     Clastogenic activity of cytosine arabinoside and 3'-
TΙ
     deoxy-3'-fluorothymidine in Ehrlich ascites
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AU
     Wobus, Anna M.
     Zentralinst. Genet. Kulturpflazenforsch., DAW, Gatersleben, Ger. Dem. Rep.
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     Mutation Research (1976), 40(2), 101-5
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Journal

DT

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English
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     ANSWER 68 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN
AN
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     Detection of fluorine in some fluorine-containing carbohydrates by
TI
     thin-layer chromatography
     Nuhn, P.; Schilling, E.
ΑU
     Sekt. Biowiss., Karl-Marx-Univ., Leipzig, Ger. Dem. Rep.
CS
     Pharmazie (1973), 28(7), 484
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ΤI
     Phosphorylation of 3'-deoxy-3'-
     fluorothymidine and its incorporation into DNA in a cellfree
     system from tumor cells
     Langen, P.; Kowollik, G.; Etzold, G.; Venner, H.; Reinert, H.
AU
     Cent. Inst. Mol. Biol., Ger. Acad. Sci. Berlin, Berlin-Buch, Ger. Dem.
CS
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SO
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DT
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     ANSWER 70 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN
L3
· AN
     1970:130707 CAPLUS
     72:130707
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     Nucleosides of fluoro carbohydrates. II. 3'-Deoxy-
TΤ
     3'-fluorothymidine, a new selective inhibitor of
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     Langen, Peter; Etzold, Gerhard; Hintsche, R.; Kowollik, Gotthard
ΑU
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=> d 13 ibib 51
     ANSWER 51 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:
                         1991:623456 CAPLUS
DOCUMENT NUMBER:
                         115:223456
TITLE:
                         Synergistic neoplasm inhibitors comprising avarone
                         derivatives and 3'-deoxy-3
                         '-fluorothymidine
INVENTOR(S):
                         Mueller, Werner E. G.; Schroeder, Heinz C.; Langen,
                         Peter; Matthes, Eckart
                         Akademie der Wissenschaften der DDR, Germany
PATENT ASSIGNEE(S):
SOURCE:
                         Ger. Offen., 7 pp.
                         CODEN: GWXXBX
DOCUMENT TYPE:
                         Patent
LANGUAGE:
                         German
FAMILY ACC. NUM. COUNT:
PATENT INFORMATION:
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3939701	A1	19910606	DE 1989-3939701	19891201
PRIORITY APPLN. INFO.:			DE 1989-3939701	19891201

## => d 13 ibib 41

ANSWER 41 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN ACCESSION NUMBER: 1994:235483 CAPLUS DOCUMENT NUMBER: 120:235483 TITLE: Synergistic anti-human immunodeficiency viral (HIV-1) effect of the immunomodulator Ampligen (mismatched double-stranded RNA) with inhibitors of reverse transcriptase and HIV-1 regulatory proteins AUTHOR (S): Ushijima, H.; Tsiapalis, C. M.; Daum, T.; Schroeder, H. C.; Matthes, E.; Engels, J. W.; Mag, M.; Muth, J.; Mueller, W. E. G. CORPORATE SOURCE: AIDS Res. Cent., Natl. Inst. Health, Musashimurayama, 208, Japan SOURCE: Antiviral Chemistry & Chemotherapy (1993), 4(6), CODEN: ACCHEH; ISSN: 0956-3202. DOCUMENT TYPE: Journal LANGUAGE: English => d ibib 51 10 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE The answer numbers requested are not in the answer set. ENTER ANSWER NUMBER OR RANGE (1): ENTER ANSWER NUMBER OR RANGE (1):1 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2006 ACS on STN ACCESSION NUMBER: 2006:1030273 CAPLUS DOCUMENT NUMBER: 145:397501 TITLE: Substituted carbamates as HIV protease inhibitors and their preparation, pharmaceutical compositions and use in the treatment of HIV infection, AIDS and AIDS-related conditions. INVENTOR(S): Mclean, Ed, W.; Miller, John Franklin PATENT ASSIGNEE(S): Smithkline Beecham Corporation, USA SOURCE: PCT Int. Appl., 73pp. CODEN: PIXXD2 DOCUMENT TYPE: Patent LANGUAGE: English FAMILY ACC. NUM. COUNT: PATENT INFORMATION: PATENT NO. KIND DATE APPLICATION NO. DATE -----\_ \_ \_ \_ -----\_\_\_\_\_ 20061005 WO 2006-US8102 WO 2006104646 A1 20060307 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG; NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,

US 2005-660706P P 20050311

THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.:

REFERENCE COUNT:

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FULL ESTIMATED COST

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=> S DE 3939701/PN, APPS

1 DE 3939701/PN (DE3939701/PN)

- 0 DE 3939701/AP
- 0 DE 3939701/PRN
- 0 DE 3939701/APPS

=> FILE INPADOC

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SINCE FILE TOTAL ENTRY SESSION

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16 NOV 2006

<20061116/UP>

16 NOV 2006

<20061116/UPLS>

MOST RECENT INPADOC WEEK:

200646

<200646/EW>

FILE COVERS 1968 TO DATE.

>>> FOR STATISTIC OF CURRENT WEEK'S NEW ENTRIES, ENTER HELP UPS <<<

>>> STATISTIC FOR UPDATES OF PUBLICATION/PATENT KIND CODES

A. SORTED BY COUNTRY:

http://www.stn-international.de/stndatabases/details/inpadoc/fkd1

B. SORTED BY DATE:

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>>> NEW IPC8 SEARCH, DISPLAY, AND SELECT ENHANCEMENTS ! --> SEE NEWS <<<

>>> A thesaurus is available in the /IPC search field --> SEE NEWS <<<

>>> FOR CHANGES IN INPADOC SEE HELP CHANGE (last updated February 16, 2006) <<<

>>> KOREAN PATENT DOCUMENTS are now part of the PCT minimum documentation.

- The EPO has re-keyed KR priorities due to PRN number format corrections.

- In addition the INPADOC updates contain now and for the next weeks a high number of KR documents to fill the gaps. <<<

>>> A big reload of French abstracts will be delivered in week 46-51/2006 in portions of about 100,000 documents per update. <<<

=> TRA L5 PN

L6 TRANSFER L5 1- PN :

1 TERM

L7 1 L6

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L8 0 L7 AND US/PC

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L8 HAS NO ANSWERS

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L13 HAS NO ANSWERS

=> D SELECT

NO E# DEFINED

No English language equivalents could be found for this Patent Number

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=> SET NOTICE LOGIN DISPLAY

SET COMMAND COMPLETED

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e.g., D SCAN or DISPLAY SCAN)

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HITSEQ ----- HIT RN, its text modification, its CA index name, its structure diagram, plus NTE and SEQ fields
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OIBIB ----- OBIB, indented with text labels

containing hit terms
HITRN ----- HIT RN and its text modification

its structure diagram

its structure diagram

KWIC ----- Hit term plus 20 words on either side

HIT ----- Fields containing hit terms

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SBIB ----- BIB, no citations SIBIB ----- IBIB, no citations

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STD ----- BIB, CLASS
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IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
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HIT ----- Fields containing hit terms
HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
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HITRN ----- HIT RN and its text modification
HITSTR ----- HIT RN, its text modification, its CA index name, and
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HITSEQ ----- HIT RN, its text modification, its CA index name, its
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FHITSTR ---- First HIT RN, its text modification, its CA index name, and
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FHITSEQ ---- First HIT RN, its text modification, its CA index name, its
             structure diagram, plus NTE and SEQ fields
KWIC ----- Hit term plus 20 words on either side
OCC ----- Number of occurrence of hit term and field in which it occurs
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DMAX ----- MAX, delimited for post-processing
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SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations
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HITSEQ ----- HIT RN, its text modification, its CA index name, its
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FHITSTR ----- First HIT RN, its text modification, its CA index name, and
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FHITSEQ ---- First HIT RN, its text modification, its CA index name, its
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KWIC ----- Hit term plus 20 words on either side
OCC ----- Number of occurrence of hit term and field in which it occurs
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             its structure diagram
FHITSEQ ---- First HIT RN, its text modification, its CA index name, its
             structure diagram, plus NTE and SEQ fields
KWIC ----- Hit term plus 20 words on either side
OCC ----- Number of occurrence of hit term and field in which it occurs
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CBIB ----- AN, plus Compressed Bibliographic Data
CLASS ----- IPC, NCL, ECLA, FTERM
DALL ----- ALL, delimited (end of each field identified)
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HITRN ----- HIT RN and its text modification
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HITSEQ ----- HIT RN, its text modification, its CA index name, its
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FHITSTR ---- First HIT RN, its text modification, its CA index name, and
             its structure diagram
FHITSEQ ---- First HIT RN, its text modification, its CA index name, its
             structure diagram, plus NTE and SEQ fields
KWIC ----- Hit term plus 20 words on either side
OCC ----- Number of occurrence of hit term and field in which it occurs
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TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number. ENTER DISPLAY FORMAT (BIB):std

L3 ANSWER 51 OF 70 CAPLUS COPYRIGHT 2006 ACS on STN

AN 1991:623456 CAPLUS

DN 115:223456

TI Synergistic neoplasm inhibitors comprising avarone derivatives and 3'-deoxy-3'-fluorothymidine

IN Mueller, Werner E. G.; Schroeder, Heinz C.; Langen, Peter; Matthes, Eckart

PA Akademie der Wissenschaften der DDR, Germany

SO Ger. Offen., 7 pp. CODEN: GWXXBX

DT Patent

LA German

IC ICM A61K031-70 ICS A61K031-13

FAN.CNT 1

PATENT NO.		KIND	DATE	APPLICATION NO.	DATE
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PRAI DE 1989-39	39701		19891201		
CLASS					
PATENT NO.	CLASS	PATENT	FAMILY CLAS	SIFICATION CODES	
DE 3939701 ICM ICS IPCI IPCR	A61K03	1-70			
	A61K03	1-13			
	A61K003	31-70 [ICM,5	]; A61K0031-13 [ICS,5	]	
	IPCR	A61K003	31-13 [I,C*]	; A61K0031-13 [I,A];	A61K0031-70

[I,C\*]; A61K0031-70 [I,A]

=> quit

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY SESSION 0.91 171.27

STN INTERNATIONAL LOGOFF AT 10:26:00 ON 21 NOV 2006